(IWM – 2) IWM Resource Inventory

Producer: _____ **Crop: _____** **Variety: _____** **Crop Rotations: _____** **Predominant Soil(s): _____** **Soil Texture: _____** **Acres: _____** **Field width (ft.) x Field length (ft.) ÷ 43,560 = _____Acres** **Irrigation System Type and Delivery System (concrete ditch, pipe, surface, sprinkler, drip, etc.): _____** **Irrigation Application Efficiency: _____ %**	**Field #: _____** **Planting Date: _____** **Seeding Rate: _____** **Row Spacing: _____** **Soil Structure (e.g., granular, blocky, platy, etc.) _____** **Soil Intake Family: _____** **Soil Moisture Monitoring (Type):_____** **Source of irrigation water (canal, well, spring, other): _____** **Water Quality (ECiw & SAR): _____**	**IWM Evaluation Date: _____** **Harvest date(s): _____** **Yield: _____** **Quality: _____** **Soil Drainage (Rapid, Moderate and Slow): _____** **Number of Irrigations/yr.: _____** **Average time (hrs)/irrigation: _____** **Net application depth (in.): _____** **Total Water Applied to Crop: _____** **When is irrigation water available (e.g., on demand, fixed schedule, rotation, pumped etc.): _____**

Sprinkler System Description:

Mainline Size (in)		**Revolution/ Set Time / Speed of Gun (hr)**	
Lateral Spacing (ft)		**Operating Pressure of Line (psi)**	
Sprinkler Head Spacing (ft)		**Pressure Regulator Rating (Y or N)**	
Nozzle Size (in)		**Nozzle output (gpm)**	

Surface System:

Length of field(s) (ft)		**Grade at end of field (Circle one)**	**Flat Moderate Steep**
Furrow/Border Spacing		**System Type**	**Siphon tubes Gated pipe High flow turnouts**
% slope of land		**Delivery System (type and condition)**	
Turnout (cfs)			

Subsurface Drip:

Depth of Tubing (in)		**Inch per day application rate (in/day)**	
Emitter Size (gal/hr)		**Design Efficiency (%)**	
Emitter Spacing (in)		**Type of filtration (explain)**	

Record Field Observations such as runoff, water-induced soil erosion, deep percolation, shallow water table, soil stratification, clay lenses, shallow soils over coarse sand/cobbles/rocks, tail water, ponding, crusting, surface sealing, steep slopes, compaction, salt crust, etc.: _____